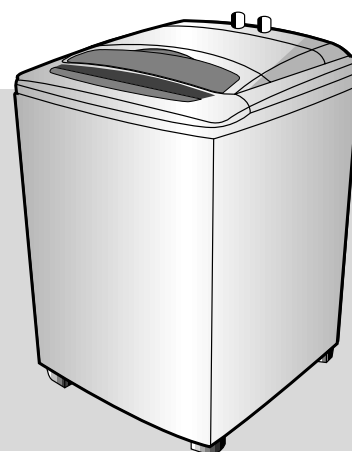


# Full-Auto Electric Washing Machine

**Model: DWF-7589/8089**

## INSTRUCTION MANUAL

- First applying the Air Bubble Washing System in the world.
- Applying One-Touch Operation System.
- Realizing calm washing through the innovational low-noise design.
- Before operating this washer, please read this instruction completely. Thank you



The First Air Bubble Washing System in the World	CONTENTS	Page
<ul style="list-style-type: none"><li>➤ Your washer is equipped with the bubble generator that generates a great deal of air bubble.</li><li>➤ The air bubbles knock the dirt out of the clothes during wash and they push up the heavy dirt to remove it during rinse.</li><li>➤ Because the double washing method using both air bubble &amp; water current is applied to this washer, wash efficiency is excellent in comparison with the original washer system.</li></ul>	PARTS AND FEATURES.....	2
	WASHER SAFETY.....	3
	INSTALLATION INSTRUCTIONS.....	4
	ELECTRICAL REQUIREMENTS.....	5
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	OPERATING YOUR WASHER.....	7
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### A NOTE TO YOU

*Thank you for buying a DAEWOO appliance.*

*DAEWOO washers are easy to use, save time, and help you manage your home better.*

*This manual contains valuable information about how to operate and maintain your washer properly and safely.*

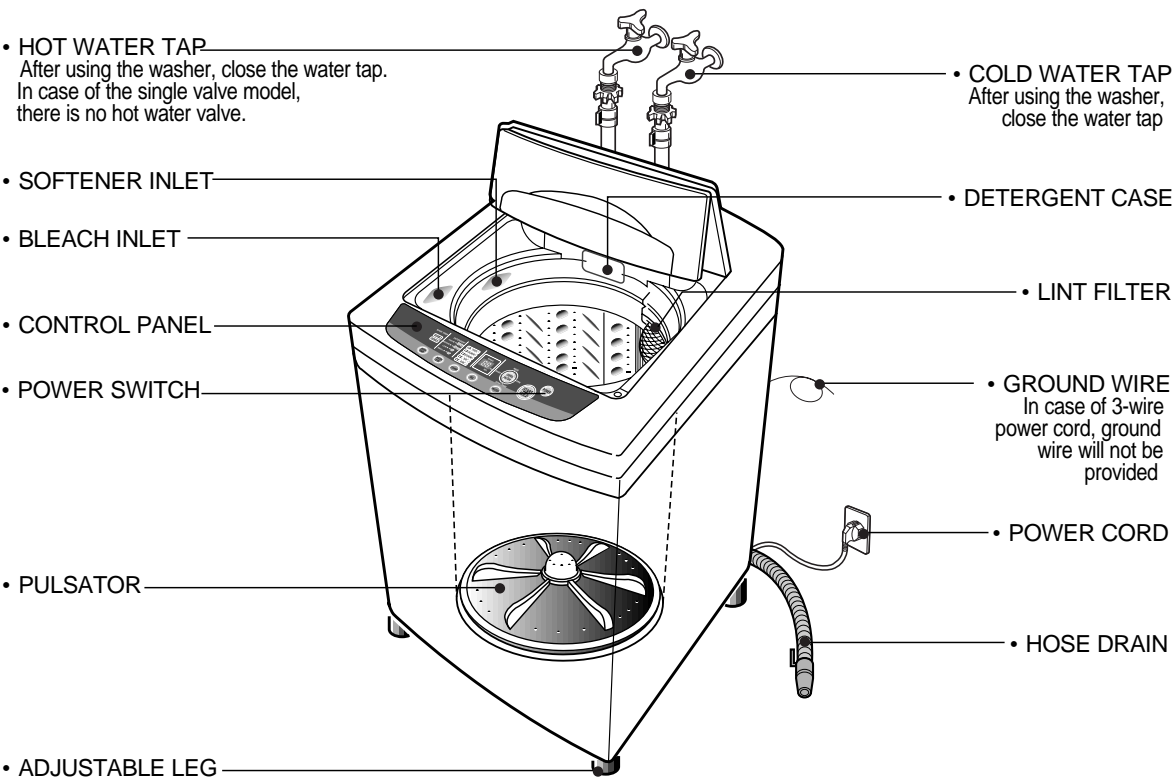
*Please read it carefully.*

# PARTS AND FEATURES




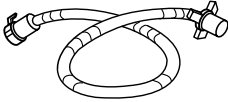
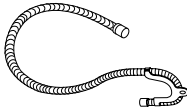

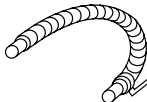

The parts and features of your washer are illustrated on this page.  
 Become familiar with all parts and features before using your washer.

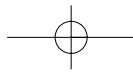
## NOTE

- The drawings in this book may vary from your washer model.  
 They are designed to show the different features of all models covered by this book,  
 Your model may not include all features.



## ACCESSORIES

DRYTEN (OPTION)	COVER UNDER (OPTION)	WATER TAP ADAPTER	INLET HOSE
			
HOSE DRAIN (FOR PUMP)	HOSE DRAIN CLAMP	HOSE DRAIN (FOR NON-PUMP)	CONNECTOR INLET(OPTION)
			



# WASHER SAFETY

## Save these instructions

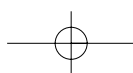
*Your safety is important to us.*

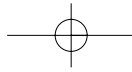
*To reduce the risk of fire, electrical shock, or injury when using your washer, follow basic precautions including the following:*

Read all instructions before using your washer	
<ul style="list-style-type: none"><li>• Flammable fluids (dry-cleaning solvents, kerosene, gasoline, etc.) should not be used or stored in or near your washer. Do not add flammable fluids to your wash water. These substances give off vapors that can create a fire hazard or explosion.</li><li>• Do not allow children to operate, play with, or crawl on or inside your washer. Supervise children closely when your washer is used near them.</li><li>• After starting a cycle, do not reach into the spin basket unless all motion stops.</li><li>• Do not tamper with the controls.</li></ul>	<p>Please ...</p> <ul style="list-style-type: none"><li>• Have only a qualified person install, repair, or replace parts on washer.</li><li>• Maintain washer properly.</li><li>• Protect washer from the weather and keep it where the temperature will not fall below freezing.</li><li>• Do not install the washer at a place of extremely high humidity. It could cause an Electrical shock or a short circuit.</li><li>• Connect washer to the correct outlet, electrical supply, water supply, and drain.</li><li>• Ground washer properly.</li></ul>

## Understanding your responsibilities

- Do not wash items that are soiled with vegetable or cooking oil.  
These items may contain some oil after laundering.  
Due to the remaining oil, the fabric may smoke or catch fire by itself.
- Do not use chlorine bleach and ammonia or acid (Such as vinegar or rust remover) in the same wash. Hazardous fumes can form.
- Unplug power supply cord before attempting to service your washer.
- Do not wash fiberglass materials.  
Small particles can stick to fabrics and cause skin irritation.
- Do not use hot water that temperature is over 50°C (120°F).  
It can cause a deformation of plastic parts.
- Do not spray water on the control panel and back cover of the washer.  
It can cause a fire or an electric shock.





# INSTALLATION INSTRUCTIONS

## Location of washer

*Check location where washer will be installed. Make sure you have everything necessary for correct installation.*

*Proper installation is your responsibility.*

- Do not place or store your washer below 0°C (32°F) to avoid any damage from freezing.
- Install the washer on the horizontal solid floor.

	<p>If the washer is installed on an unsuitable floor, it could make considerable noise, vibrate and cause a malfunction. If washer is not level, adjust the front leg(A) up or down for horizontal setting.</p> <ul style="list-style-type: none"> <li>• Earthed electrical outlet(B) is required with 20cm of bottom back of washer cabinet.</li> <li>• Hot and cold water faucets (C) must be within 1M of the upper back of the washer cabinet and provide water pressure 0.3kgf/cm<sup>2</sup>-8kgf/cm<sup>2</sup> (2.94N/cm<sup>2</sup>-78.4cm<sup>2</sup>).</li> </ul>
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## Drain system

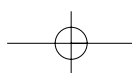
Never forget to install drain hose before operating your washer.

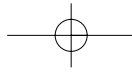
The packing box is opened, there are a drain hose, and a hose clamp in the washer.

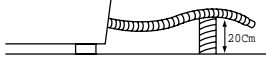
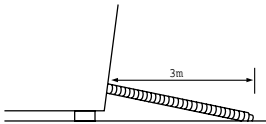
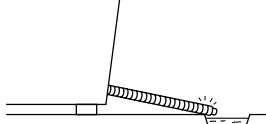
Non-Pump Model	Pump Model
<ul style="list-style-type: none"> <li>• Connect the drain hose to the drain outlet at the back side of the washer, and fasten it tightly with the clamp attached.</li> </ul>	<ul style="list-style-type: none"> <li>• Connect the drain hose to the drain outlet at the back side of the washing machine, and fasten it tightly with the clamp supplied.</li> </ul>

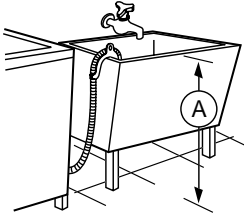
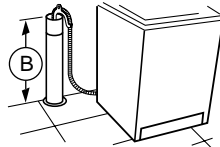
## NOTES

- The opening must not be obstructed by carpeting when the washing machine is installed on a carpeted floor.

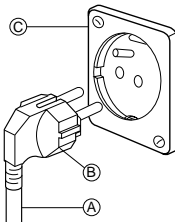


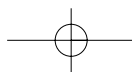


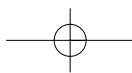
Non-Pump Model		
<p>① In case that it goes over a door sill. Don't let the height of the drain hose exceed 20cm from the bottom of washer.</p> 	<p>② In case of extending the drain hose. Don't let the total length exceed 3m.</p> 	<p>③ Be careful that the end of the drain hose is not immersed in water.</p> 

Pump Model	
Laundry tub drain system	Standpipe drain system
<ul style="list-style-type: none"> <li>Top of tub must be at least 86cm (34inches) high and no higher than 130cm from bottom of washer (A)</li> </ul> 	<ul style="list-style-type: none"> <li>Needs a 3cm minimum diameter standpipe with minimum carry away capacity of 30liters per minute.</li> <li>Top of tub must be at least 86cm (34inches) high and no higher than 130cm from bottom of washer (B)</li> </ul> 

## ELECTRICAL REQUIREMENTS

<b>WARNING</b>	<b>electrical shock hazard:</b> failure to follow these instructions could result in death or serious injury.	
<ul style="list-style-type: none"> <li>Electrical earth is required on this washer</li> <li>If it does not fit the outlet, have a proper outlet installed by a qualified electrician.</li> </ul>	<ul style="list-style-type: none"> <li>Don't earth to a gas pipe</li> <li>Don't change the power supply cord plug.</li> <li>Check with a qualified electrician if you are not sure the washer is properly earthed.</li> </ul>	
Recommended earthing method		
	<p>For your personal safety, this washer must be earthed. This washer is equipped with a power supply cord (A) having a earthing plug (B). To minimize possible shock hazard, the cord must be plugged into a mating earthing-type wall receptacle (C). If a mating wall receptacle is not available, it is the personal responsibility and obligation of the customer to have the proper earthed wall receptacle installed by a qualified electrician.</p>	



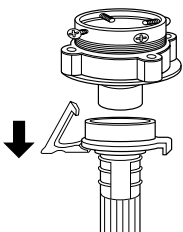
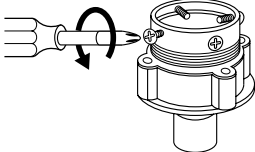
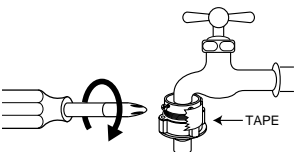
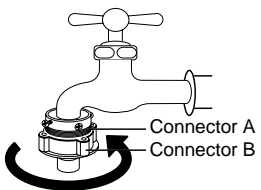
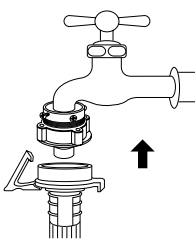
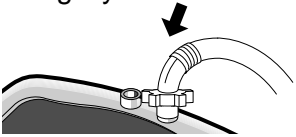


## INLET HOSE CONNECTION

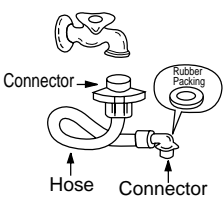
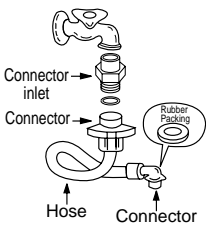

*Be careful not to confuse hot water inlet and cold water inlet.*

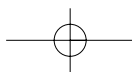
*In using only one water tap or in case of attached one water inlet valve, connect the inlet hose to the cold water inlet valve.*

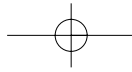
### For Ordinary Tap

<p>① Pull down the collar of the inlet hose to separate it from the water tap adapter.</p> 	<p>② Loosen the four screws properly in fitting into water tap.</p> 	<p>③ Fit the water tap adapter into the water tap tap and tighten the four screws evenly while pushing up the adapter so that the rubber packing can stick to the water tap tightly.</p> 
<p>④ Remove the tape, and screw connector B into connect A tightly.</p> 	<p>⑤ Connect the inlet hose to the water tap adapter by pulling down the collar of the hose end.</p> 	<p>⑥ Connect the inlet hose adapter of the hose to the water inlet of the washer by turning it clockwise to be fixed tightly.</p>  <p>• Please check the rubber packing inside the inlet hose adapter of the hose.</p>

### For Screw-Shaped Tap

<p>① Connect the inlet hose to the water tap by screwing the connector tightly.</p> 	<p>② Connect the connector-inlet supplied if necessary.</p> 	<p>③ Insert the inlet hose adapter into the water inlet of a washer and turn it to be fixed.</p>  <p>*Check the packing in the inlet</p>
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# OPERATING YOUR WASHER

*To obtain the best washing results, you must operate your washer properly. This section gives you this important information.*

## **Preparing clothes for washing**

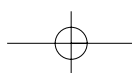
- |   |  |
|---|--|
| <ul style="list-style-type: none"> <li>• Close zippers, snaps, and hooks to avoid snagging other items. Remove pins, buckles, and other hard objects to avoid scratching the washer interior.</li> <li>• Empty pockets and turn them inside out.</li> </ul> | <ul style="list-style-type: none"> <li>• Turn down cuffs and turn synthetic knits out to avoid pilling.</li> <li>• Tie strings and sashes so they will not tangle.</li> <li>• Treat spots and stains. (see "Removing stains" on page14)</li> </ul> |
|---|--|

## **Sorting**

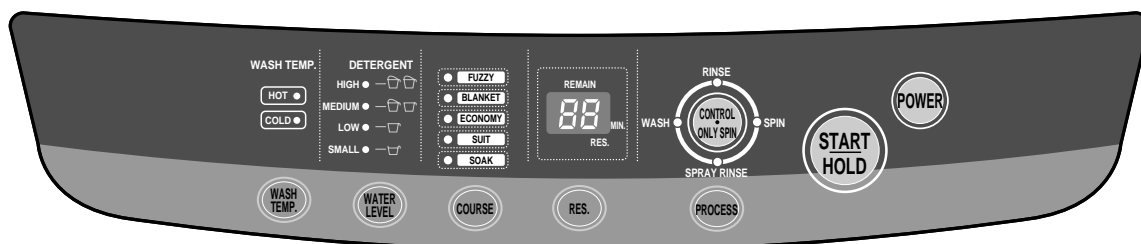
- |  |
|--|
| <ul style="list-style-type: none"> <li>• Separate heavily soiled items from, lightly soiled ones, even if they would normally be washed together.</li> <li>• Separate dark colors from light colors, colorfast items from non-colorfast item.</li> </ul> |
|--|









## **Loading**

- |  |   |
|--|---|
| <ul style="list-style-type: none"> <li>• Drop items into washer loosely. Items should move easily through wash water for best cleaning and wrinkle-free results.</li> <li>• Load washer properly and select correct load size setting. Overloading and selecting a setting too small for the wash load can:             <ul style="list-style-type: none"> <li>- cause poor cleaning</li> <li>- increase wrinkling</li> <li>- create excessive lint</li> <li>- wear out items faster (because of pilling)</li> </ul> </li> </ul> | <ul style="list-style-type: none"> <li>• Mix large and small items in each load. Load evenly to maintain washer balance. An off balance load can make the washer vibrate during spin.</li> <li>• Reduce wash time when using a small load size setting. Loads with only a few small items need less wash time.</li> <li>• Use a large load size setting to reduce wrinkling with permanent press clothes and some synthetic knits. These items should have more room to move in the water than heavy items (towels, jeans)</li> </ul> |
|--|---|



## THE FUNCTIONS OF THE CONTROL PANEL



	<ul style="list-style-type: none"> <li>Press this switch to turn the power on or off.</li> </ul>
	<ul style="list-style-type: none"> <li>It can be used to choose water temperature to be supplied.</li> <li>As the button is pressed, water temperature will be repeated. COLD → COLD+HOT → HOT</li> <li>In case of the single valve model, there is no wash temperature selector function.</li> </ul>
	<ul style="list-style-type: none"> <li>It can be used to adjust amount of water according to the size of the load to be washed.</li> <li>As the button is pressed, water level is selected by MEDIUM → HIGH → SMALL → LOW</li> </ul>
	<ul style="list-style-type: none"> <li>It can be used to pre-engage time for wash.</li> </ul>
	<ul style="list-style-type: none"> <li>It is the button for the partial process or the combination of each process (wash, rinse, spin) (See page 10)</li> </ul>
	<ul style="list-style-type: none"> <li>If you want to change wash time, rinse times, spin time, you must press this button after selecting each process by the process button. Also, this button can be used to spin only. (See page 10)</li> </ul>
	<ul style="list-style-type: none"> <li>It can be used to select the full-automatic course.</li> <li>As the button is pressed, course will be selected by following order: FUZZY → BLANKET → ECONOMY → SUIT(WOOL) → SOAK</li> </ul>
	<ul style="list-style-type: none"> <li>Operation and temporary stop is repeated as it is pressed.</li> <li>When you want to change course in operating; press the "START/HOLD" button → Select the course that you want to change → press the "START/HOLD" button again.</li> </ul>

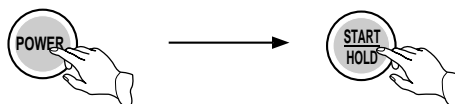


# WASHING PROCEDURE AND COURSE SELECTION

## FULL AUTOMATIC COURSE

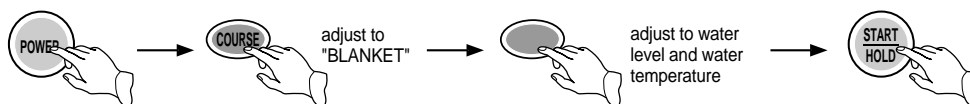
### 1. FUZZY COURSE (SENSOR);

- This selection is for general washing except extraordinary clothes.
- Artificial brain sensor selects properly the various kind of washing condition such as washing time, rinse times, spin time and water level.



### 2. BLANKET COURSE;

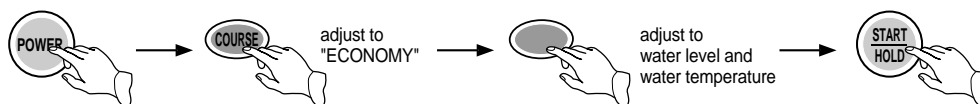
- This selection is effective for blanket, curtain, carpet, etc ...
  - Do not wash general-electric blanket absolutely. (4kg's limitation for one-time-wash)
- Procedure to press the button;



### 3. ECONOMY COURSE;

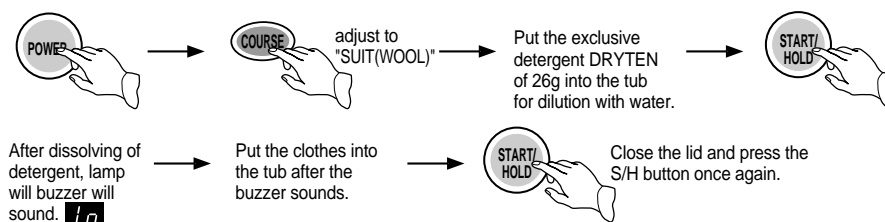
- This selection is useful to reduce water consumption and washing time for less dirty clothes.

Procedure to press the button;



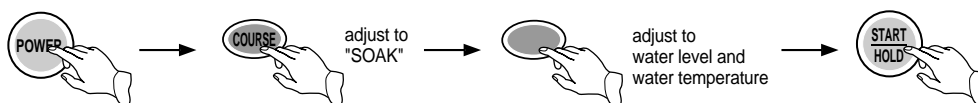
### 4. SUIT(WOOL) COURSE

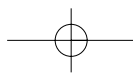
- This selection is effective for suit clothes. (1.2kg s limitation for 1 time-wash)
- Do not put leather clothes, or chamois clothes into the washing tub for washing. It may cause shrinkage or deformation to the clothes.
- Please use the neutral detergents only.
- The water temperature is fixed to COLD
- The water level LOW&SMALL is not selected.



### 5. SOAK COURSE;

- This selection is effective for blue-jean, climbing clothes, ruck sack, sports wear, etc...
- If you want to soak, press the course button to adjust to "SOAK" .





## Reserved Washing

- Reservation can be made from 2 hours to 48 hours.  
example) To make reservation to complete washing in 8 hours.



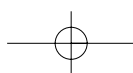
- Now the reservation is made.

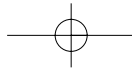
## PARTIAL PROCESS & COMBINATION

<b>POWER</b>	
<b>PROCESS</b> ↓ <b>CONTROL ONLY SPIN</b>	<b>WASH TIME CONTROL</b> <ul style="list-style-type: none"> <li>As the control button is pressed, wash time will be repeated as following; 14 → 18 → 0 → 6 → 10min.</li> <li>If you don't want wash process, you must adjust wash time to 0 min.</li> </ul>
↓ <b>PROCESS</b> ↓ <b>CONTROL ONLY SPIN</b> ↓	<b>RINSE TIMES CONTROL</b> <ul style="list-style-type: none"> <li>As the control button is pressed, Rinse times will be repeated as following;</li> <li>1) Pump Model 2 Rinse → 3 Rinse → 4 Rinse → 0 Rinse → 1 Rinse</li> <li>2) Non-Pump Model 2 Rinse → 3 Rinse → 4 Rinse → 1 Spray Rinse → 2 Spray Rinse → 3 Spray Rinse → 4 Spray Rinse → 0 Rinse → Rinse</li> <li>If you don't want Rinse process, you must adjust Rinse times to 0 times.</li> <li>If you select spray Rinse, the LED of spray Rinse is lighted (NON-PUMP MODEL)</li> </ul>
<b>PROCESS</b> ↓ <b>CONTROL ONLY SPIN</b>	<b>SPIN TIME CONTROL</b> <ul style="list-style-type: none"> <li>As the control button is pressed, spin time will be repeated as following; 5 → 7 → 9 → 0 → 1 → 3min.</li> <li>If you don't want spin process, you must adjust spin time to 0 min.</li> </ul>
<b>START HOLD</b>	

## CONVENIENT OPERATION FOR SPIN ONLY

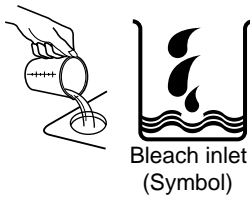
- If you want spin only, it is convenient to operate the button as following.





## GENERAL PROCEDURE FOR OPERATION

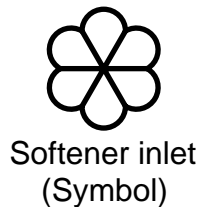
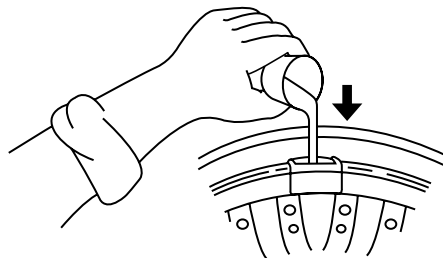
1. Add measured detergent to the washer, (Follow manufacturer's directions for safe use)
2. OPTIONAL STEP  
If desired, add measured liquid chlorine bleach to the bleach inlet. use only liquid chlorine in the bleach inlet  
\* Follow manufacturer's direction for safe use.



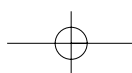
### NOTE

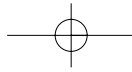
- Do not let bleach splash, drip, or run down into washer basket.  
Undiluted bleach will damage any fabric it touches.
- Do not use this dispenser to add powdered chlorine or color safe bleach to your wash load. The dispenser is for liquid chlorine bleach use only.

3. OPTIONAL STEP  
If desired, add measured liquid fabric softener to the softener inlet.
- Pour liquid fabric softener into the dispenser using the amount recommended on the package. Avoid dripping or spilling any fabric softener on the load.



- The dispenser is for liquid fabric softener use only.
4. Close the washer lid (door)
  5. Press the power button.
  6. Select the cycle. The full automatic cycle has five settings; FUZZY, BLANKET, ECONOMY, SUIT(WOOL), SOAK. (See page 9)
  7. Press the START/HOLD button.


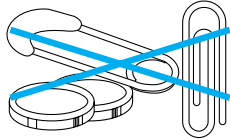




## CARING FOR YOUR WASHER

*Proper care of your washer can extend its life. This section explains how to care for your washer properly and safely.*

### Cleaning your washer

<b>Exterior</b>	<b>Interior</b>
<p>Wipe up detergent, bleach, and other spills with a soft, damp cloth or sponge as they occur. Occasionally wipe the outside of the washer to keep it looking like new one.</p> 	<p>Clean interior with 250ml of chlorine bleach mixed with 500ml of detergent. Run washer through a complete cycle. Repeat process if necessary.</p>
<p>Do not put sharp or metal object in your washer, they can damage the finish. Check all pockets for pins, clips, money, bolts, nuts, etc. Do not lay these objects on your washer after emptying pockets.</p> 	

### Winter storage or moving care

Install and store your washer where it will not freeze. Because some water may stay in the hoses, freezing can damage your washer.

If storing or moving your washer during freezing weather, winterize it.

<b>To winterize washer</b>	<b>To use washer again</b>
<ul style="list-style-type: none"> <li>• Turn off water faucet.</li> <li>• Disconnect and drain water inlet hoses</li> <li>• Run washer on a drain and spin setting (see page 10) for 1 minute.</li> <li>• Unplug the power supply cord.</li> </ul>	<ul style="list-style-type: none"> <li>• Flush water pipes and hoses.</li> <li>• Reconnect water inlet hoses.</li> <li>• Turn on water faucet.</li> <li>• Reconnect power supply cord.</li> </ul>

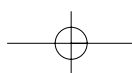
### Non-use or vacation care

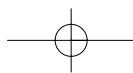
Operate your washer only when you are at home.

If will be on vacation or not using your washer for an extended period of time, you should:

- Unplug the power supply cord or turn off eletrical power to the washer.
- Turn off the water supply to the washer .

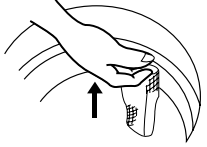
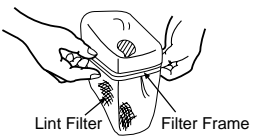

This helps avoid accidental flooding (due to a water pressure surge) while you are away.






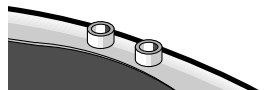
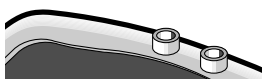
## HOW TO CLEAN THE FILTER

### Cleaning the Lint Filter

<p>① Pull the Filter frame upward.</p> 	<p>② Turn the lint filter inside out, wash to the lint of with water</p> 	<p>③ Return the filter as it was, and insert the filter frame into the slot</p> 
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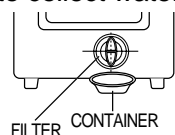
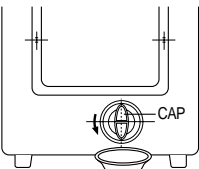
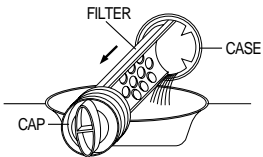
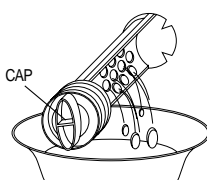
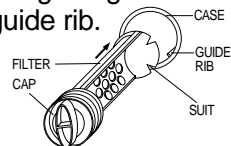
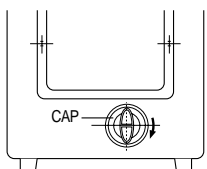
### Cleaning the water inlet filter

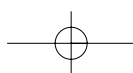
- Clean the filter when water leaks from, the water inlet.

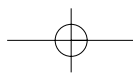
<p>① Pull the power plug out before cleaning it.</p>	<p>② Turn off the water supply to the washer and sperate the inlet hose.</p> 	<p>③ Pull the inlet filter out.</p> 	<p>④ Remove the dirt from the inlet filter with a brush.</p> 
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### Cleaning the drain filter

- In case "Pump-Model" drain hose, this filter's equipped at the back side of washer.
- This drain filter is to screen the foreign stuffs such as threads, coins, pins, buttons etc ...
- If the drain filter is not cleaned at proper time (every 10 times of use), Drain problem could be caused.

<p>① Put down the remained water in the hose. And put a container under the filter to collect water .</p> 	<p>② Turn the cap counter clockwise.</p> 	<p>③ Pull out the filter assembly.</p> 
<p>④ Clean the drain filter.</p> 	<p>⑤ Put in the filter along the guiding prominence of the case. Please note the left position of the filter adjusting the groove to the guide rib.</p> 	<p>⑥ Turn the cap clockwise tightly .</p> 





## REMOVING STAINS

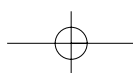
*Stained, heavily-soiled, or greasy items may need to be prewashed or soaked for best results. Soaking helps remove protein-type stains like blood, milk, or grass. Prewashing helps loosen soil before washing.*

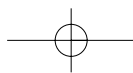
### Stain removal rules

- Use warm water for soaking or prewashing stained laundry. Hot water can set stains.
- Most stains are easier to remove when they are fresh. Old or set stains may not come out.
- Before treating any stain, find out what kind of stain it is, how old the stain is, what kind of fabric it is, and if the fabric is color fast. (Check the care label)
- Washing and drying can set some stains.
- Start with cold or warm water, hot water can set some stain.
- When bleach is recommended, use a bleach that is safe for the fabric.
- Put the stained area face down on a paper towel or white cloth. Apply the stain remover to the back of the stain. This forces the stain off fabric instead of through it.

### Stain removal guide

STAIN	TO REMOVE
Blood	Rinse immediately in COLD water. If stain remains, soak in cold water with an enzyme prewash.
Chewing gum	Use ice in plastic bag to harden the gum. Scrape off what you can and then sponge with white spirits.
Cocoa, Chocolate	Sponge with COLD water and soak in an enzyme prewash. If stains persist, rub in a little detergent and rinse in cold water.
Coffee	Blot up quickly and rinse out in COLD water. Rub in a little detergent and wash in the maximum temperature allowed for the fabric type.
Cream/Milk Ice cream	Rinse in COLD water and wash normally. If stain is still apparent, sponge with white spirits.
Deodorant	Rub affected area with white vinegar and then rinse under running COLD water. Sponge with white spirits. Treat stiffened areas with enzyme prewash
Egg	Soak in a COLD enzyme prewash, rinse and wash normal.
Fabric/Softener	Rub affected area with bar soap and wash normally.
Fruit stains	Treat as soon as possible by sponging with COLD water. Rub a little detergent on the stain and wash normally
Grass	Sponge with white spirits. Rub in an enzyme prewash and wash as normal
Grease and oil	Lay the affected area face down on an absorbent cloth and work from the back. Sponge with white spirits or dry cleaning fluid. Wash normally.
Iron or rust	Apply lemon juice and salt and place in the sun. Wash normally.
Lipstick	Sponge with white methylated spirits and wash normally.
Mildew	Wash in WARM water and detergent. Moisten area with lemon juice, dry in the sun and wash normally. If stain persists and the fabric allows, use a bleach.
Mud	Brush off any dry mud. Rinse in cold water. If stain persists rub in a little detergent and wash normally.
Paint-oil based	Scrape off any fresh paint and sponge with a non flammable dry cleaning fluid and wash normally.
Paint-water based	Treat while still wet, rinse in WARM water and wash normally.
Scorch marks	Dampen a cloth with hydrogen peroxide, lay it over the affected area and press with a fairly hot iron.



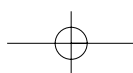


# TROUBLE SHOOTING

*Most problems are easily solved if you understand the cause.  
Check the following list for problem before calling for service.*

## Before calling for service, check these

PROBLEM	CHECK POINT
<ul style="list-style-type: none"> <li>The washer will not operate at all.</li> </ul>	<ul style="list-style-type: none"> <li>Is there a power failure?</li> <li>Is the power cord correctly connected to an electric outlet?</li> <li>Is the electric fuse broken?</li> <li>Did you turn on the power?</li> <li>Did you press Start/Hold button?</li> <li>Is there correct amount of water in the tub?</li> </ul>
<ul style="list-style-type: none"> <li>Water is not supplied; If water supply is not finished within 20 minutes, the lamp <b>UE</b> will light up, and the buzzer will sound to indicate a problem.</li> </ul>	<ul style="list-style-type: none"> <li>Did you connect the inlet hose and open the water tap?</li> <li>Is the inlet hose or the water tap frozen?</li> <li>Is the water supply shut off?</li> <li>Does foreign matter block up the inlet hose filter?</li> </ul>
<ul style="list-style-type: none"> <li>The washer will not drain; If the drain is not finished within selected time, lamp <b>UE</b> will light up, and the buzzer will sound to indicate a problem.</li> </ul>	<ul style="list-style-type: none"> <li>Is the drain hose frozen or blocked up by dirt?</li> <li>Is the drain hose kinked or deformed?</li> <li>Is the end of the drain hose immersed in water?</li> <li>Is there excessive dirt inside the pump housing?</li> </ul>
<ul style="list-style-type: none"> <li>The washer will not spin; If the clothes is collected on one side during spin and the tub becomes unbalanced, the spin operation will be interrupted, and then this unbalanced condition will be corrected by following operation: WATER SUPPLYfi RINSEfi DRAIN However if the unbalanced condition is unchanged despite repeating the above operation, the lamp <b>UE</b> will light up, and the buzzer will sound to indicate a problem.</li> </ul>	<ul style="list-style-type: none"> <li>Is the clothe in the tub collected on one side?</li> <li>Is the washing machine installed on an uneven floor or is the vibration serious?</li> <li>Is the lid open? (The lamp <b>UE</b> will light up in this case.)</li> </ul>
<ul style="list-style-type: none"> <li><i>These cases are not malfunctions</i></li> <li><i>The sound "wing" heard during water supply is the operating sound made by the water inlet valve.</i></li> <li><i>The sound "sha" heard in stopping the tub is the sound that comes from the autobalancer of the tub.</i></li> </ul>	



# SPECIFICATIONS

NO.	ITEM		DWF-1089		DWF-9289		DWF-8089		DWF-7589	
1	POWER SOURCE		AVAILABLE IN ALL LOCAL AC VOLTAGE AND CYCLE							
2	POWER CONSUMPTION		50Hz	60Hz	50Hz	60Hz	50Hz	60Hz	50Hz	60Hz
			430W	480W	430W	480W	400W	460W	400W	460W
3	MACHINE	NON-PUMP	55Kg (GROSS : 64Kg)		54Kg (GROSS : 63Kg)		50Kg (GROSS : 60Kg)		49Kg (GROSS : 59Kg)	
	WEIGHT	PUMP	56Kg (GROSS : 65Kg)		55Kg (GROSS : 64Kg)		51Kg (GROSS : 61Kg)		50Kg (GROSS : 60Kg)	
4	DIMENSION (WXHXD)		628 X 1005 X 673mm				610 X 962 X 655mm			
5	WASHING COURSE		FULL AUTOMATIC 8 COURSE (FUZZY, MEMORY, DRY, SILK, ECONOMICAL, STRONG, NIGHT, BLANKET)							
6	WATER CONSUMPTION		NORMAL 315L		NORMAL 304L		NORMAL 265L		NORMAL 259L	
7	WATER LEVEL SELECTOR		HIGH(96L), MID(81L)		HIGH(93L), MID(78L)		HIGH(82L), MID(70L)		HIGH(80L), MID(68L)	
LOW(65L), SMALL(49L)			LOW(61L), SMALL(48L)		LOW(57L), SMALL(43L)		LOW(55L), SMALL(42L)			
E.SMALL(36L)			E.SMALL(33L)		E.SMALL(31.5L)		E.SMALL(30.5L)			
8	OPERATING WATER PRESSURE		0.3kgf/cm <sup>2</sup> ~8kgf/cm <sup>2</sup> (2.94 N/cm <sup>2</sup> ~78.4N/cm <sup>2</sup> )							
9	REVOLUTION PER MINUTE	60Hz	WASH : 145~160, SPIN : 750~800							
		50Hz	WASH : 130~145, SPIN : 700~750							
		SILK, DRY COURSE	WASH : 70 (60Hz), 60 (50Hz)							
10	PULSATOR		6 WINGS (Ø396mm)				6 WINGS (Ø376mm)			
11	WATER LVEL CONTROL		ELECTRONICAL SENSOR							
12	ANTI NOISE PLATE		O		O		O		O	
13	GEAR MECHANISM ASS'Y		HELICAL GEAR FOR LOW NOISE							
14	LINT FILTER		O		O		O		O	
15	SOFTENER INLET		O		O		O		O	
16	FUNCTION FOR SOAK WASH		O		O		O		O	
17	ALARM SIGNAL		O		O		O		O	
18	RESIDUAL TIME DISPLAY		O		O		O		O	
19	AUTO. WATER SUPPLY		O		O		O		O	
20	NEW WATER FLOW		WATER FLOW FOR ADJUST THE UNBALANCED LOAD							
21	ECONOMIC COURSE		O		O		O		O	
22	FUNCTION FOR BUBBLE		O		O		O		O	
23	AUTO RE-FEED WATER		O		O		O		O	
24	AUTO POWER OFF		O		O		O		O	